

Next MECS will be conducted in 2010.

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Thousand Barrels.

		LPG			Alternative Energy Sources(b)						
NAICS Code(a)	Subsector and Industry	Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
Total United States											
311	Food	850	159	549	Q	86	8	*	0	0	Q
3112	Grain and Oilseed Milling	Q	2	Q	1	Q	*	*	0	0	*
311221	Wet Corn Milling	3	*	2	*	*	0	0	0	0	0
31131	Sugar Manufacturing	10	*	9	0	*	0	*	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	147	8	92	Q	6	5	0	0	0	0
3115	Dairy Products	28	2	21	0	2	0	0	0	0	0
3116	Animal Slaughtering and Processing	239	Q	147	Q	Q	Q	0	0	0	*
312	Beverage and Tobacco Products	251	Q	177	Q	5	*	0	0	0	0
3121	Beverages	244	Q	171	Q	4	*	0	0	0	0
3122	Tobacco	7	*	6	*	*	0	0	0	0	0
313	Textile Mills	72	11	52	Q	Q	0	0	0	0	0
314	Textile Product Mills	167	Q	Q	Q	Q	0	0	0	0	*
315	Apparel	6	1	Q	*	*	0	0	0	0	0
316	Leather and Allied Products	14	1	5	0	1	0	0	0	0	0
321	Wood Products	1,368	172	732	12	47	Q	*	*	0	Q
321113	Sawmills	113	28	62	2	Q	22	*	*	0	Q
3212	Veneer, Plywood, and Engineered Woods	850	Q	416	1	7	Q	0	0	0	Q
3219	Other Wood Products	346	52	200	8	35	Q	*	0	0	Q
322	Paper	1,339	132	1,007	38	110	Q	1	*	0	0
322110	Pulp Mills	29	*	28	0	*	*	0	0	0	0
322121	Paper Mills, except Newsprint	182	5	149	5	1	3	*	*	0	0
322122	Newsprint Mills	47	38	8	0	38	0	0	0	0	0
322130	Paperboard Mills	117	3	97	2	1	1	1	0	0	0
323	Printing and Related Support	183	Q	104	Q	Q	0	0	0	0	0
324	Petroleum and Coal Products	7,424	2,209	4,267	Q	2,161	Q	0	0	0	22
324110	Petroleum Refineries	7,307	2,183	4,179	0	2,161	0	0	0	0	22
324199	Other Petroleum and Coal Products	2	*	*	*	0	0	0	0	0	*
325	Chemicals	1,907	79	1,717	Q	63	Q	0	0	0	*
325110	Petrochemicals	1	0	1	0	0	0	0	0	0	0
325120	Industrial Gases	Q	*	Q	*	0	0	0	0	0	0
325181	Alkalies and Chlorine	2	0	2	0	0	0	0	0	0	0
325182	Carbon Black	*	0	*	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	26	4	18	1	1	*	0	0	0	*
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0
325193	Ethyl Alcohol	10	8	2	0	8	0	0	0	0	*
325199	Other Basic Organic Chemicals	76	29	11	*	26	3	0	0	0	*
325211	Plastics Materials and Resins	1,520	1	1,496	*	*	*	0	0	0	0
325212	Synthetic Rubber	9	1	8	1	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	9	*	7	*	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	9	*	9	*	*	*	0	0	0	0
325312	Phosphatic Fertilizers	3	*	2	0	*	*	0	0	0	0
3254	Pharmaceuticals and Medicines	49	*	Q	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	44	*	Q	*	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	3	*	3	*	0	0	0	0	0	0
326	Plastics and Rubber Products	1,316	57	898	33	Q	Q	Q	0	0	Q
327	Nonmetallic Mineral Products	1,327	39	1,095	13	17	18	Q	0	0	Q
327211	Flat Glass	11	2	8	1	1	*	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	92	1	Q	*	1	*	0	0	0	0
327213	Glass Containers	31	0	29	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	68	5	37	Q	Q	*	Q	0	0	Q
327310	Cements	12	3	6	1	3	3	0	0	0	0
327410	Lime	6	*	5	0	*	0	0	0	0	0
327420	Gypsum	70	Q	61	Q	0	0	0	0	0	0
327993	Mineral Wool	27	4	22	1	0	3	0	0	0	0
331	Primary Metals	979	238	596	206	17	16	Q	0	0	1
331111	Iron and Steel Mills	43	3	28	*	1	2	*	0	0	0
331112	Electrometallurgical Ferroalloy Products	1	*	1	0	0	*	0	0	0	0
3312	Steel Products from Purchased Steel	69	7	50	1	Q	1	0	0	0	*
3313	Alumina and Aluminum	266	186	66	178	6	2	0	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	13	1	10	*	0	*	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	27	1	26	0	0	1	0	0	0	0
331316	Aluminum Extruded Products	214	184	23	177	6	*	0	0	0	*
3314	Nonferrous Metals, except Aluminum	335	2	284	Q	1	0	Q	0	0	0
3315	Foundries	265	40	167	24	5	Q	0	0	0	Q
331511	Iron Foundries	95	6	69	2	2	2	0	0	0	Q
331521	Aluminum Die-Casting Foundries	47	14	16	Q	2	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	49	10	29	10	*	0	0	0	0	0

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Thousand Barrels.

		LPG			Alternative Energy Sources(b)								
NAICS Code(a)	Subsector and Industry	Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)		
332	Fabricated Metal Products	1,178	95	729	Q	Q	Q	0	0	0	Q		
333	Machinery	725	8	581	Q	Q	Q	Q	0	0	*		
334	Computer and Electronic Products	Q	Q	9	*	Q	0	0	0	0	*		
334413	Semiconductors and Related Devices	Q	*	Q	*	0	0	0	0	0	0		
335	Electrical Equip., Appliances, and Components	229	Q	133	Q	Q	Q	0	0	0	0		
336	Transportation Equipment	1,008	78	626	Q	Q	Q	0	0	0	Q		
336111	Automobiles	63	*	14	*	0	*	0	0	0	0		
336112	Light Trucks and Utility Vehicles	10	3	5	*	3	0	0	0	0	0		
3364	Aerospace Product and Parts	116	Q	85	1	0	Q	0	0	0	1		
336411	Aircraft	12	1	11	1	0	0	0	0	0	1		
337	Furniture and Related Products	140	34	91	Q	Q	Q	Q	0	0	Q		
339	Miscellaneous	152	Q	51	*	Q	Q	Q	0	0	0		
	Total	20,669	3,515	13,530	539	2,774	239	21	*	0	70		
Northeast Census Region													
311	Food	95	Q	Q	*	Q	0	0	0	0	0		
3112	Grain and Oilseed Milling	1	0	*	0	0	0	0	0	0	0		
311221	Wet Corn Milling	0	0	0	0	0	0	0	0	0	0		
31131	Sugar Manufacturing	*	*	0	0	*	0	0	0	0	0		
3114	Fruit and Vegetable Preserving and Specialty Foods	4	*	1	*	*	0	0	0	0	0		
3115	Dairy Products	Q	0	Q	0	0	0	0	0	0	0		
3116	Animal Slaughtering and Processing	Q	0	Q	0	0	0	0	0	0	0		
312	Beverage and Tobacco Products	11	*	10	*	0	0	0	0	0	0		
3121	Beverages	10	0	9	0	0	0	0	0	0	0		
3122	Tobacco	1	*	1	*	0	0	0	0	0	0		
313	Textile Mills	Q	0	Q	0	0	0	0	0	0	0		
314	Textile Product Mills	Q	0	Q	0	0	0	0	0	0	0		
315	Apparel	Q	0	Q	0	0	0	0	0	0	0		
316	Leather and Allied Products	10	0	1	0	0	0	0	0	0	0		
321	Wood Products	104	Q	83	*	Q	*	*	*	0	*		
321113	Sawmills	15	Q	10	*	Q	*	*	*	0	*		
3212	Veneer, Plywood, and Engineered Woods	51	0	49	0	0	0	0	0	0	0		
3219	Other Wood Products	36	Q	24	0	Q	0	0	0	0	0		
322	Paper	450	11	396	8	Q	3	0	0	0	0		
322110	Pulp Mills	8	0	8	0	0	0	0	0	0	0		
322121	Paper Mills, except Newsprint	38	4	33	4	1	3	0	0	0	0		
322122	Newsprint Mills	1	0	1	0	0	0	0	0	0	0		
322130	Paperboard Mills	10	1	9	1	0	1	0	0	0	0		
323	Printing and Related Support	Q	*	Q	*	0	0	0	0	0	0		
324	Petroleum and Coal Products	1,550	391	912	*	391	0	0	0	0	0		
324110	Petroleum Refineries	1,493	391	855	0	391	0	0	0	0	0		
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0		
325	Chemicals	69	*	Q	*	*	0	0	0	0	0		
325110	Petrochemicals	1	0	1	0	0	0	0	0	0	0		
325120	Industrial Gases	*	0	0	0	0	0	0	0	0	0		
325181	Alkalies and Chlorine	*	0	*	0	0	0	0	0	0	0		
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0		
325188	Other Basic Inorganic Chemicals	2	*	Q	0	*	0	0	0	0	0		
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0		
325193	Ethyl Alcohol	1	0	1	0	0	0	0	0	0	0		
325199	Other Basic Organic Chemicals	2	0	2	0	0	0	0	0	0	0		
325211	Plastics Materials and Resins	13	*	7	*	0	0	0	0	0	0		
325212	Synthetic Rubber	*	0	*	0	0	0	0	0	0	0		
325222	Noncellulosic Organic Fibers	3	0	3	0	0	0	0	0	0	0		
325311	Nitrogenous Fertilizers	0	0	0	0	0	0	0	0	0	0		
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0		
3254	Pharmaceuticals and Medicines	1	*	1	*	0	0	0	0	0	0		
325412	Pharmaceutical Preparation	1	*	1	*	0	0	0	0	0	0		
325992	Photographic Film, Paper, Plate, and Chemicals	1	0	1	0	0	0	0	0	0	0		
326	Plastics and Rubber Products	Q	Q	Q	Q	0	Q	Q	0	0	0		
327	Nonmetallic Mineral Products	95	4	90	Q	*	Q	0	0	0	0		
327211	Flat Glass	1	*	1	*	0	0	0	0	0	0		
327212	Other Pressed and Blown Glass and Glassware	22	*	21	0	*	0	0	0	0	0		
327213	Glass Containers	4	0	3	0	0	0	0	0	0	0		
327215	Glass Products from Purchased Glass	19	*	19	*	*	*	0	0	0	0		
327310	Cements	2	1	2	1	0	1	0	0	0	0		
327410	Lime	1	0	1	0	0	0	0	0	0	0		
327420	Gypsum	10	0	10	0	0	0	0	0	0	0		

**Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Thousand Barrels.**

		LPG			Alternative Energy Sources(b)						
NAICS Code(a)	Subsector and Industry	Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
327993	Mineral Wool	4	0	4	0	0	0	0	0	0	0
331	Primary Metals	146	22	84	Q	1	Q	0	0	0	*
331111	Iron and Steel Mills	20	1	11	*	1	*	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	Q	*	Q	0	0	0	0	0	0	*
3313	Alumina and Aluminum	14	*	13	*	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	*	0	*	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	5	0	5	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	5	0	4	0	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	Q	0	10	0	0	0	0	0	0	0
3315	Foundries	72	21	44	Q	*	Q	0	0	0	0
331511	Iron Foundries	14	*	14	*	*	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	Q	Q	3	Q	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	8	0	2	0	0	0	0	0	0	0
332	Fabricated Metal Products	58	0	45	0	0	0	0	0	0	0
333	Machinery	Q	0	Q	0	0	0	0	0	0	0
334	Computer and Electronic Products	Q	*	Q	*	0	0	0	0	0	0
334413	Semiconductors and Related Devices	Q	0	Q	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	Q	Q	Q	0	Q	0	0	0	0	0
336	Transportation Equipment	Q	0	Q	0	0	0	0	0	0	0
336111	Automobiles	*	0	*	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	3	0	3	0	0	0	0	0	0	0
336411	Aircraft	*	0	*	0	0	0	0	0	0	0
337	Furniture and Related Products	Q	0	Q	0	0	0	0	0	0	0
339	Miscellaneous	Q	Q	Q	0	Q	0	Q	0	0	0
	Total	3,386	471	2,274	25	422	18	Q	*	0	0

Midwest Census Region

[illegible]

Next MECS will be conducted in 2010

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Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Thousand Barrels.

		LPG			Alternative Energy Sources(b)						
NAICS Code(a)	Subsector and Industry	Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
325311	Nitrogenous Fertilizers	2	0	1	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	5	*	4	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	*	0	*	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	*	0	0	0	0	0	0
326	Plastics and Rubber Products	195	20	66	Q	Q	0	0	0	0	Q
327	Nonmetallic Mineral Products	228	15	168	3	Q	7	Q	0	0	Q
327211	Flat Glass	2	1	1	1	*	*	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	Q	0	Q	0	0	0	0	0	0	0
327213	Glass Containers	8	0	8	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	21	2	9	Q	*	*	Q	0	0	Q
327310	Cements	5	0	2	0	0	0	0	0	0	0
327410	Lime	1	*	*	0	*	0	0	0	0	0
327420	Gypsum	17	0	16	0	0	0	0	0	0	0
327993	Mineral Wool	14	4	9	*	0	3	0	0	0	0
331	Primary Metals	382	18	324	10	5	4	Q	0	0	Q
331111	Iron and Steel Mills	13	2	8	*	*	2	*	0	0	0
331112	Electrometallurgical Ferroalloy Products	1	0	1	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	27	2	23	1	0	0	0	0	0	*
3313	Alumina and Aluminum	24	2	16	2	0	*	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	5	*	3	*	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	5	*	5	0	0	*	0	0	0	0
331316	Aluminum Extruded Products	11	1	6	1	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	212	Q	207	Q	1	0	Q	0	0	0
3315	Foundries	107	10	69	4	4	2	0	0	0	Q
331511	Iron Foundries	45	5	38	1	2	2	0	0	0	Q
331521	Aluminum Die-Casting Foundries	27	2	8	1	2	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	13	2	8	2	*	0	0	0	0	0
332	Fabricated Metal Products	518	Q	262	Q	Q	Q	0	0	0	*
333	Machinery	305	Q	221	Q	*	Q	0	0	0	*
334	Computer and Electronic Products	Q	Q	*	0	Q	0	0	0	0	0
334413	Semiconductors and Related Devices	*	0	*	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	44	0	33	0	0	0	0	0	0	0
336	Transportation Equipment	625	Q	403	Q	Q	Q	0	0	0	Q
336111	Automobiles	9	*	4	0	0	*	0	0	0	0
336112	Light Trucks and Utility Vehicles	6	1	5	0	1	0	0	0	0	0
3364	Aerospace Product and Parts	12	0	2	0	0	0	0	0	0	0
336411	Aircraft	*	0	*	0	0	0	0	0	0	0
337	Furniture and Related Products	65	13	49	6	Q	0	0	0	0	0
339	Miscellaneous	10	0	Q	0	0	0	0	0	0	0
	Total	5,431	515	3,477	109	378	55	Q	0	0	Q
South Census Region											
311	Food	234	Q	162	Q	Q	Q	0	0	0	Q
3112	Grain and Oilseed Milling	7	*	5	0	*	0	0	0	0	0
311221	Wet Corn Milling	*	*	0	0	*	0	0	0	0	0
31131	Sugar Manufacturing	6	0	5	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	15	*	11	*	0	*	0	0	0	0
3115	Dairy Products	*	0	*	0	0	0	0	0	0	0
3116	Animal Slaughtering and Processing	187	Q	128	Q	Q	*	0	0	0	*
312	Beverage and Tobacco Products	62	1	32	1	*	*	0	0	0	0
3121	Beverages	56	1	26	*	0	*	0	0	0	0
3122	Tobacco	6	*	5	*	*	0	0	0	0	0
313	Textile Mills	66	11	48	Q	Q	0	0	0	0	0
314	Textile Product Mills	Q	Q	Q	Q	Q	0	0	0	0	*
315	Apparel	Q	1	*	*	*	0	0	0	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	517	61	389	7	Q	6	*	0	0	Q
321113	Sawmills	25	1	13	Q	0	*	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	326	Q	284	0	1	Q	5	0	0	Q
3219	Other Wood Products	113	38	43	Q	Q	0	*	0	0	0
322	Paper	481	71	320	26	Q	Q	1	*	0	0
322110	Pulp Mills	21	0	20	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	75	*	52	*	*	0	*	*	0	0
322122	Newsprint Mills	1	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	62	2	54	1	1	*	1	0	0	0
323	Printing and Related Support	69	Q	21	Q	Q	0	0	0	0	0
324	Petroleum and Coal Products	2,075	475	1,232	0	454	Q	0	0	0	4

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NAICS Code(a)	Subsector and Industry	LPG			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
324110	Petroleum Refineries	2,042	458	1,217	0	454	0	0	0	0	4
324199	Other Petroleum and Coal Products	1	0	*	0	0	0	0	0	0	0
325	Chemicals	530	21	436	Q	12	*	0	0	0	*
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	Q	0	Q	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	1	0	*	0	0	0	0	0	0	0
325182	Carbon Black	*	0	*	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	13	1	10	0	1	*	0	0	0	0
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0
325193	Ethyl Alcohol	*	0	*	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	51	11	4	*	11	*	0	0	0	*
325211	Plastics Materials and Resins	320	*	318	0	*	*	0	0	0	0
325212	Synthetic Rubber	8	*	7	*	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	6	*	3	*	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	*	0	*	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	2	*	2	0	*	0	0	0	0	0
3254	Pharmaceuticals and Medicines	43	0	Q	0	0	0	0	0	0	0
325412	Pharmaceutical Preparation	43	0	Q	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	Q	0	Q	0	0	0	0	0	0	0
326	Plastics and Rubber Products	345	27	254	Q	Q	Q	0	0	0	0
327	Nonmetallic Mineral Products	Q	13	Q	Q	8	3	0	0	0	0
327211	Flat Glass	5	*	4	0	*	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	6	1	5	*	1	0	0	0	0	0
327213	Glass Containers	7	0	6	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	26	Q	7	*	Q	0	0	0	0	0
327310	Cements	4	3	1	0	3	3	0	0	0	0
327410	Lime	*	0	*	0	0	0	0	0	0	0
327420	Gypsum	31	Q	26	Q	0	0	0	0	0	0
327993	Mineral Wool	6	*	5	*	0	*	0	0	0	0
331	Primary Metals	335	189	99	176	11	2	0	0	0	*
331111	Iron and Steel Mills	9	*	8	0	*	0	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	25	5	14	*	Q	1	0	0	0	*
3313	Alumina and Aluminum	213	182	26	175	6	1	0	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	2	*	2	0	0	*	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	15	0	15	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	191	182	8	175	6	*	0	0	0	*
3314	Nonferrous Metals, except Aluminum	38	0	21	0	0	0	0	0	0	0
3315	Foundries	49	1	30	1	*	*	0	0	0	0
331511	Iron Foundries	33	*	16	0	*	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	4	0	4	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	5	1	4	1	0	0	0	0	0	0
332	Fabricated Metal Products	501	Q	371	Q	Q	*	0	0	0	Q
333	Machinery	Q	Q	Q	Q	Q	*	Q	0	0	0
334	Computer and Electronic Products	3	*	3	*	0	0	0	0	0	*
334413	Semiconductors and Related Devices	*	*	*	*	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	120	Q	72	Q	Q	Q	0	0	0	0
336	Transportation Equipment	240	Q	111	Q	4	Q	0	0	0	*
336111	Automobiles	47	*	9	*	0	*	0	0	0	0
336112	Light Trucks and Utility Vehicles	4	2	*	*	2	0	0	0	0	0
3364	Aerospace Product and Parts	46	Q	26	0	0	Q	0	0	0	*
336411	Aircraft	7	*	7	0	0	0	0	0	0	*
337	Furniture and Related Products	60	Q	29	Q	0	Q	Q	0	0	Q
339	Miscellaneous	90	Q	19	*	Q	Q	0	0	0	0
	Total	7,123	1,124	4,767	280	774	69	Q	*	0	25

West Census Region

311	Food	249	Q	136	Q	2	1	*	0	0	0
3112	Grain and Oilseed Milling	Q	*	Q	*	*	0	0	0	0	0
311221	Wet Corn Milling	*	0	*	0	0	0	0	0	0	0
31131	Sugar Manufacturing	1	*	1	0	0	0	*	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	61	4	36	Q	2	1	0	0	0	0
3115	Dairy Products	Q	0	Q	0	0	0	0	0	0	0
3116	Animal Slaughtering and Processing	2	*	*	*	0	0	0	0	0	0
312	Beverage and Tobacco Products	155	Q	125	Q	0	*	0	0	0	0
3121	Beverages	155	Q	125	Q	0	*	0	0	0	0
3122	Tobacco	0	0	0	0	0	0	0	0	0	0
313	Textile Mills	*	0	*	0	0	0	0	0	0	0

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Thousand Barrels.

		LPG		Alternative Energy Sources(b)							
NAICS Code(a)	Subsector and Industry	Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
314	Textile Product Mills	Q	0	Q	0	0	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0	0	0
316	Leather and Allied Products	*	0	0	0	0	0	0	0	0	0
321	Wood Products	327	Q	159	3	8	Q	0	0	0	Q
321113	Sawmills	49	22	24	1	1	21	0	0	0	Q
3212	Veneer, Plywood, and Engineered Woods	170	Q	72	0	5	Q	0	0	0	0
3219	Other Wood Products	104	7	59	Q	Q	Q	0	0	0	Q
322	Paper	209	45	133	0	45	0	0	0	0	0
322110	Pulp Mills	1	*	1	0	*	0	0	0	0	0
322121	Paper Mills, except Newsprint	22	0	20	0	0	0	0	0	0	0
322122	Newsprint Mills	44	38	7	0	38	0	0	0	0	0
322130	Paperboard Mills	30	0	22	0	0	0	0	0	0	0
323	Printing and Related Support	Q	0	Q	0	0	0	0	0	0	0
324	Petroleum and Coal Products	3,043	1,127	1,883	0	1,109	0	0	0	0	18
324110	Petroleum Refineries	3,040	1,127	1,882	0	1,109	0	0	0	0	18
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	36	2	29	*	*	*	0	0	0	*
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	0	0	0	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	*	0	*	0	0	0	0	0	0	0
325182	Carbon Black	*	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	8	2	6	*	0	0	0	0	0	*
325192	Cyclic Crudes and Intermediates	*	0	0	0	0	0	0	0	0	0
325193	Ethyl Alcohol	*	0	*	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	3	0	3	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	4	*	3	0	0	*	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	7	*	7	*	*	*	0	0	0	0
325312	Phosphatic Fertilizers	*	*	*	0	0	*	0	0	0	0
3254	Pharmaceuticals and Medicines	*	*	*	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	*	*	*	*	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	1	0	1	0	0	0	0	0	0	0
326	Plastics and Rubber Products	Q	Q	Q	Q	*	0	0	0	0	0
327	Nonmetallic Mineral Products	101	Q	84	Q	Q	Q	0	0	0	0
327211	Flat Glass	2	*	2	0	*	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	1	*	1	0	0	*	0	0	0	0
327213	Glass Containers	11	0	11	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	2	*	2	0	0	*	0	0	0	0
327310	Cements	1	*	1	0	0	*	0	0	0	0
327410	Lime	3	0	3	0	0	0	0	0	0	0
327420	Gypsum	11	0	8	0	0	0	0	0	0	0
327993	Mineral Wool	4	0	4	0	0	0	0	0	0	0
331	Primary Metals	116	9	89	8	1	1	0	0	0	0
331111	Iron and Steel Mills	1	*	1	0	0	*	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	*	*	0	0	0	*	0	0	0	0
3312	Steel Products from Purchased Steel	10	0	Q	0	0	0	0	0	0	0
3313	Alumina and Aluminum	14	1	11	1	0	*	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	5	0	5	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	1	*	1	0	0	*	0	0	0	0
331316	Aluminum Extruded Products	7	1	4	1	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	Q	*	Q	0	*	0	0	0	0	0
3315	Foundries	38	8	24	7	*	*	0	0	0	0
331511	Iron Foundries	2	*	2	0	*	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	1	0	1	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	24	7	15	7	*	0	0	0	0	0
332	Fabricated Metal Products	101	Q	51	Q	Q	0	0	0	0	*
333	Machinery	Q	0	Q	0	0	0	0	0	0	0
334	Computer and Electronic Products	4	0	Q	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	*	0	*	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	Q	0	Q	0	0	0	0	0	0	0
336	Transportation Equipment	93	2	61	2	0	*	0	0	0	1
336111	Automobiles	6	0	1	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	55	1	54	1	0	0	0	0	0	1
336411	Aircraft	5	1	4	1	0	0	0	0	0	1
337	Furniture and Related Products	Q	Q	Q	Q	0	0	0	0	0	0
339	Miscellaneous	Q	0	Q	0	0	0	0	0	0	0
	Total	4,728	1,405	3,011	Q	1,199	Q	*	0	0	20

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Thousand Barrels.

		LPG		Alternative Energy Sources(b)							
NAICS Code(a)	Subsector and Industry	Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
Economic Characteristic (f)											
Value of Shipments and Receipts (million dollars)											
	Under 20	3,761	373	2,363	100	158	Q	Q	0	0	Q
	20-49	2,077	266	1,131	118	96	76	Q	0	0	Q
	50-99	2,672	355	1,913	259	129	Q	*	*	0	2
	100-249	3,052	279	2,436	49	186	24	Q	0	0	Q
	250-499	950	51	818	3	48	1	*	*	0	0
	500 and Over	8,156	2,191	4,869	12	2,156	3	0	0	0	23
	Total	20,669	3,515	13,530	539	2,774	239	21	*	0	70
Employment Size											
	Under 50	2,592	274	1,922	65	82	Q	Q	0	0	Q
	50-99	1,838	262	760	Q	136	70	Q	*	0	Q
	100-249	6,130	350	4,854	132	239	36	Q	0	0	8
	250-499	3,965	859	2,796	207	622	14	1	0	0	Q
	500-999	4,052	1,132	2,043	26	1,087	Q	Q	*	0	*
	1000 and Over	2,092	637	1,155	12	607	*	0	0	0	19
	Total	20,669	3,515	13,530	539	2,774	239	21	*	0	70

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for LPG during 2006. The quantities are expressed in thousands of barrels, and therefore represent the quantity of LPG that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of LPG that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of LPG.

(f) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2006 Annual Survey of Manufacturers.'